SOUTHERN OPAL

LTR. 9. 11. 57

004177-004183-0108

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S.S. SOUTHERN OPAL.

GENERAL ARRANGEMENT.

SCALE:- 1/8" = 1 FOOT.

Notes.

Mechanical Supply & Exhaust Ventilation fitted to All Spaces.

Approved Deck Composition Laid in All Living Spaces and Heat Resisting on Poop and Bridge Deck. Boat Deck Lined on Underside with Sprayed Asbestos.

All SideLights 12" Diameter.

Cement & Tiles in Galley, Pantry, Bakery, Hospital W.C., Saloon, Pantry and All Washplaces Etc., on Lower Deck.

Awnings over all Accommodation.

All Skylights to Accommodation Have Permanently Closed Flaps with 12" Fixed Lights.

Drawers under Beds and Two Portable Steel Framed Chairs in each Room for Whaling Personnel.

27.

SIR JAMES LAING
+ SONS YRD No 735
+
"SOUTHERN OPAL"
B.C

RETAIN

PROFILE + DKS.
See Alteration
1949 & 1951

RECORDS DEPT.
LONDON.

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TRANSFERRED TO
L. R. SYSTEM

Midship Section

Sir Jas. Laing & Sons

No. 736/7 — W.S. 861

EMPIRE OPAL NOW "SOUTHERN OPAL"

EMPIRE PEARL NOW "KOLLGRIM"

~~Altered~~ 1949 & 1951

Photostat copy of original plan mislaid by Glasgow. See correspondence dated 18/9/1952

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S.S. Nos 735-6
MIDSHIP SECTION
LENGTH B.P. 476'-4½" × BREADTH MLD: 68'-0" × DEPTH MLD: 36'-0"
SCALE:- ½" = 1 FOOT
TO BRITISH CORPORATION CLASSIFICATION B.S. ✱ (BULK OIL CARRIER)
NUMERALS
SHEER OF 6'-0" FORD & 3'-9" AFT (STANDARD CURVE)
28'-3" LOAD DRAFT (ASSUMING STANDARD SHEER 9'-7" FORD & 4'-8½" AFT:)
STRINGER PLATE PROPOSED 87×.82 FROM WITHIN
POOP TO ½ L FORD OF ⊗ TO .44 AT ENDS.
BUTTS QUINTRUPLE FOR ½ L TO QUADRUPLE & TREBLE AT ENDS
OILTIGHT CENTRE BULKHEAD
OILTIGHT WING BULKHEAD
WING WASH BULKHEAD
CENTRE WASH BULKHEAD
ELEVATION OF DOCKING GIRDER
SECTION SHOWING BRACKETS TO BOTTOM LONGITUDINALS
DRAWING OFFICE

7

SEE No. 9

TRANSFERRED TO
L. R. SYSTEM

Fabricated Sternframe & Rudder

Sir Jas Laing & Sons

Nos. 735/6

CANCELLED.

EMPIRE OPAL now SOUTHERN OPAL

" " PEARL now NORHEIM

now Kollgrim

Laings 735/6

Sternframe & Rudder

004177-004183-0111

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Nos 735-6
FABRICATED STERN FRAME & RUDDER
Scales ½" & 1" = 1 foot.
Area of rudder plating = 140 sq. feet
Cr. of Grav. of area aft of ℄ of pintles = 3.46 ft
·26 ∛129.50 × 3.46 × 12² = 10½"
PRINCIPAL DIMENSIONS
Length B.P. 476'-4½"
Breadth Mld. 68'-0"
Depth Mld. 36'-0"
Draft 28'-0"
Speed 11½ knots.
12 JUN 1940
Arrangement of Top Arm & Coupling.
7-3" bolts
Plan view at top of top arm. A
Plan view at underside B
Plan view at underside C
Plan view at underside D
Plan view at bottom of bottom arm E
Side plates ½"
Cast steel arm.
Base Line
Plan view of Middle arm end.
Arrangement of transom connections.
22'-0" above base.
Section at No. 1 Frame.
Section at No. 2 Frame.
Section at No. 3 Frame.
Section thro' boss.
Section 17'-3" above base.
Section 14'-6" above base.
Section below boss.
Arrangement of Connection to keel.
Minimum Section thro' foot
Post to be cement filled.
Cancelled